

**PATENT**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Nao FUJITA et al.

Serial No.: **Not Yet Assigned**

Filed: **August 24, 2001**

For: **METHOD FOR PURIFICATION OF VINYL POLYMERS**

A/H/S  
12/15/01  
AS

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

August 24, 2001

Sir:

Prior to the calculation of the filing fees of the above application, please amend the application as follows:

**IN THE CLAIMS:**

Please amend claims 15, 16, 19-27, 30-31 and 34 as follows:

15. (Amended) The method for purification according to Claim 2

*SUB  
B3*  
wherein the vinyl polymer having at least one alkenyl group per molecule is obtainable by the atom transfer radical polymerization of a vinyl monomer using a transition metal complex as a polymerization catalyst.

16. (Amended) The method for purification according to Claim 2

wherein the alkenyl group is located at the molecular chain terminus of the vinyl polymer.